

12/31/01
jc784 U.S. PTO

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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	51876P288
First Inventor or Application Identifier	Kang Bok Lee
Title	METHOD FOR GENERATING NODES IN MULTIWAY search TREE AND
Express Mail Label No.	EL651822497US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification Total Pages
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) Total Sheets
- ☐ Oath or Declaration Total Pages
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76.

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CFR)
 - ☐ Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ Paper
 - ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO - 1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 USC 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent
- ☒ Other: Formal drawings transmittal; Request for Priority

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____ / _____
Prior application Information: Examiner _____ Group/Art Unit: _____

For **CONTINUATION or DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label



08791

or ☐ Correspondence address below

Name	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP				
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Name (Print/Type) Eric S. Hyman, Reg. No. 30,139

Signature

Date

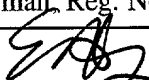
12/31/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
		Application Number	
TOTAL AMOUNT OF PAYMENT (\$) 454.00		Filing Date	
		First Named Inventor	Kang Bok Lee, et al.
		Examiner Name	
		Group Art Unit	
		Attorney Docket Number	51876P288

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEE	
Deposit Account Number: 02-2666		Large Entity Small Entity	
Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP		Fee Fee Fee Fee Fee Description Fee Paid	
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37CFR 1.16 and 1.17		Code (\$) Code (\$) Code (\$) Code (\$)	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		105 130 205 65 Surcharge - late filing fee or oath	
2. <input checked="" type="checkbox"/> Payment Enclosed:		127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		139 130 139 130 Non-English specification	
FEE CALCULATION		147 2,520 147 2,520 For filing a request for <i>ex parte</i> reexamination	
1. FILING FEE		112 920 112 920 Requesting publication of SIR prior to Examiner action	
Large Entity Small Entity		113 1,840 113 1,840 Requesting publication of SIR after Examiner action	
Fee Fee Fee Fee Fee Description Fee Paid		115 110 215 55 Extension for response within first month	
Code (\$) Code (\$) Code (\$) Code (\$)		116 400 216 200 Extension for response within second month	
101 740 201 370 Utility filing fee \$370		117 920 217 460 Extension for response within third month	
106 330 206 165 Design filing fee		118 1,440 218 720 Extension for response within fourth month	
107 510 207 255 Plant filing fee		128 1,960 228 980 Extension for response within fifth month	
108 740 208 370 Reissue filing fee		119 320 219 160 Notice of Appeal	
114 160 214 80 Provisional filing fee		120 320 220 160 Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 370.00		121 280 221 140 Request for oral hearing	
2. EXTRA CLAIM FEES		138 1,510 138 1,510 Petition to institute a public use proceeding	
Total Claims 14 -20** = 0 X \$9.00 = 0.00		140 110 240 55 Petition to revive - unavoidably	
Independent Claims 5 -3** = 2 X \$42.00 = 84.00		141 1,280 241 640 Petition to revive - unintentionally	
Multiple Dependent		142 1,280 242 640 Utility issue fee (or reissue)	
Large Entity Small Entity		143 460 243 230 Design issue fee	
Fee Fee Fee Fee Fee Description Fee Paid		144 620 244 310 Plant issue fee	
Code (\$) Code (\$) Code (\$) Code (\$)		122 130 122 130 Petitions to the Commissioner	
103 18 203 9 Claims in excess of 20		123 50 123 50 Petitions related to provisional applications	
102 84 202 42 Independent claims in excess of 3		126 180 126 180 Submission of Information Disclosure Stmt	
104 280 204 140 Multiple Dependent claim		581 40 581 40 Recording each patent assignment per property (times number of properties)	
109 84 209 42 **Reissue independent claims over original patent		146 740 246 370 Filing a submission after final rejection (37 CFR 1.129(a))	
110 18 210 9 **Reissue claims in excess of 20 and over original patent		149 740 249 370 For each additional invention to be examined (37 CFR 1.129(b))	
SUBTOTAL (2) (\$) 84.00		179 740 279 370 Request for Continued Examination (RCE)	
**or number of previously paid, if greater; For Reissues, see above		169 900 169 900 Request for expedited examination of a design application	
		Other fee (specify) _____	
		SUBTOTAL (3) (\$) _____	

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Eric S. Hyman, Reg. No. 30,139	Reg. Number	
Signature		Deposit Account User ID	02-2666
Date	12/31/01		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

KANG BOK LEE, ET AL.

Application No.:

Filed:

For: **METHOD FOR GENERATING
NODES IN MULTIWAY search TREE
AND SEARCH METHOD USING
THE SAME - UTILITY**

Art Group:

Examiner:

Assistant Commissioner for Patents
Washington, D.C. 20231

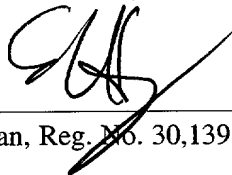
TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 8 sheets including 10 Figures. Applicant hereby authorizes any additional extension or petition fees under 37 C.F.R. §1.17 or credit for any overpayment to our Deposit Account No. 02-2666. A copy of the Fee Transmittal sheet is enclosed.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN



Dated: December 31, 2001

Eric S. Hyman, Reg. No. 30,139

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